INS A Claims

1. A method for providing information on the current location of a terminal (MS) for a telecommunications service
in a mobile radio network, in which at least one Mobile Switching Center (MSC) with a Visitor Location Register (VLR) exists,
in which
   - a first message (USSD) is transmitted by the Service Control Point (SCP) to the terminal (MS), and
   - the location information is checked in the Visitor Location Register,
   - a second message (ATI) is transmitted by the Service Control Point (SCP) to the Visitor Location Register (VLR),
   - the Visitor Location Register (VLR) sends a reply (ATIack) to the Service Control Point (SCP), containing location information and an indication of the age of this location information,
   - the telecommunications service evaluates the location information contained in received reply from the terminal.

2. The method for providing location information for a telecommunications service as claimed in claim 1, characterized in that
the second message is transmitted a definable time after the first message.

3. The method as claimed in claim 1 or 2, characterized in that
the first message (USSD) is empty.

4. The method as claimed in one of the previous claims, characterized in that

- the first message (USSD) is forwarded to the
  Mobile Switching Center (MSC) with the Visitor
  Location Register (VLR), with which the terminal
  (MS) had the last contact with the
5   telecommunications network, and
- this Mobile Switching Center attempts to forward
  the first message to the terminal (MS), and
- if the forwarding is successful, the location
  · information (LocInfo) entry is updated in the
10   Visitor Location Register.

5.   The method as claimed in one of the previous·
     claims,
     characterized in that
15   - the location information contained in the reply
     (ATIack) is not up-to-date, and
     - at least the second message (ATI) is
     retransmitted.

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